

Sub A1 *Y*
WHAT IS CLAIMED IS:

1. A document scanning apparatus for scanning a document, generating image data, and storing this image data in specified storage means, comprising:
 - 5 first scanning means for sequentially transporting documents mounted in a specified document tray to a specified scan position and scanning said document at said scan position;
 - 10 second scanning means for scanning a document placed on a specified document glass plane without transporting this document;
 - 15 continued specification acceptance means for accepting a specification for one of document scan continuation and completion after one of scan operations for all documents mounted in said document tray through said first scanning means and for said document placed on said document glass plane through said second scanning means;
 - 20 scan method selection means for responding to an acceptance of continued document scan specification by this continued specification acceptance means, selecting one of said first scanning means and said second scanning means according to a specified specification, and allowing selected scanning means to start scanning documents; and
 - 25 storage control means for storing generated image data as for a series of documents in said storage

SEARCHED SERIALIZED INDEXED

means, wherein a scan operation by said first scanning means and said second scanning means generates image data until said continued specification acceptance means accepts a specification to complete scanning documents.

5

2. The document scanning apparatus according to claim 1, wherein said continued specification acceptance means accepts a specification whether to continue scanning documents based on a specified suspension instruction also in response to a suspended scan operation performed by one of said first scanning means and said second scanning means.

10

3. The document scanning apparatus according to claim 1, wherein there is provided mode changeover means which validates operations of said continued specification acceptance means, said scan method selection means, and said storage control means only when a specified special mode is enabled for said first scanning means and said second scanning means for scanning a series of documents.

20

4. The document scanning apparatus according to claim 1, wherein there are provided conditional specification acceptance means which accepts a specification of a specified scan condition when said continued specification acceptance means awaits a specification whether to continue scanning documents; and

25

Then, in the first place, the \mathbb{P} of \mathbb{P} is \mathbb{P} and the \mathbb{P} of \mathbb{P} is \mathbb{P} .

condition setup means which allows one of said
first scanning means and said second scanning means
to perform scanning under a scan condition updated
by a specification most recently accepted by said
5 conditional specification acceptance means when one of
said first scanning means and said second scanning
means performs document scanning in response to
acceptance of a specification to continue scanning
documents by said continued specification acceptance
means.

10

5. A document scanning apparatus for scanning
a document, generating image data, and storing this
image data in specified storage means, comprising:

15 scanning means for scanning said document;

continued specification acceptance means for
accepting a specification for one of document scan
continuation and completion after termination of
scanning of said document by this scanning means;

20 conditional specification acceptance means which
accepts a specification of a specified scan condition
when this continued specification acceptance means
awaits a specification whether to continue scanning
documents;

25 continued scan control means which allows said
scanning means to start scanning documents under a scan
condition updated by a specification most recently
accepted by said conditional specification acceptance

TELETYPE REGISTERED TRADE MARK OF ELMER G. BROWN

means in response to acceptance of a specification to continue scanning documents by said continued specification acceptance means; and

5 storage control means for storing generated image data as for a series of documents in said storage means, wherein a scan operation by said scanning means generates image data until said continued specification acceptance means accepts a specification to complete scanning documents.

10 6. The document scanning apparatus according to claim 5, wherein said continued specification acceptance means accepts a specification whether to continue scanning documents based on a specified suspension instruction also in response to a suspended 15 scan operation performed by said scanning means.

7. The document scanning apparatus according to claim 5, wherein there is provided mode changeover means which validates operations of said continued specification acceptance means, conditional 20 specification acceptance means, continued scan control means, and said storage control means only when a specified special mode is enabled for said scanning means for scanning a series of documents.

25 8. A document scanning method of scanning a document, generating image data, and storing this image data in specified storage means by selectively using first scanning means for sequentially transporting

documents mounted in a specified document tray to a specified scan position and scanning said document at said scan position and second scanning means for scanning a document placed on a specified document glass plane without transporting this document,
5 comprising the steps of:

accepting a specification for one of document scan continuation and completion after one of scan operations for all documents mounted in said document tray through said first scanning means and for said document placed on said document glass plane through
10 said second scanning means;

responding to an acceptance of said continued document scan specification, selecting one of said first scanning means and said second scanning means according to a specified specification, and allowing selected scanning means to start scanning documents; and
15

20 storing generated image data as for a series of documents in said storage means, wherein a scan operation by said first scanning means and said second scanning means generates image data until acceptance of said specification to complete scanning documents.

9. A document scanning method for scanning a document, generating image data, and storing this image data in specified storage means by using
25 specified scanning means, comprising the steps of:

accepting a specification for one of document scan continuation and completion after termination of scanning of said document by said scanning means;

5 accepting a specification of a specified scan condition while awaiting said specification whether to continue scanning documents;

allowing said scanning means to start scanning documents under a scan condition updated by a specification most recently accepted by said 10 conditional specification acceptance means in response to acceptance of said specification to continue scanning documents; and

15 storing generated image data as for a series of documents in said storage means, wherein a scan operation by said first scanning means and said second scanning means generates image data until acceptance of said specification to complete scanning documents.